

1. A variable optical delay line comprising:

a plurality of fibers, each fiber having a first end disposed in a first linear array and a second end disposed in a second linear array and a curved region between the first end and the second end, the curved regions of respective fibers differing in curvature to provide a series of monotonically differing path lengths; and

an optical switch for switching at least one optical input signal among the fibers of the plurality.